Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 16 Aug 2020 until 23:59 on Monday 17 Aug 2020

Forecast Issued on Sunday 16 Aug 2020 at 03:46

Confidence: High for an unsettled period of weather with spells of heavy rain and a risk of thunder.

Headline for Sunday 16 Aug 2020: Heavy and thundery showers possible throughout the day

Mountain weather hazards on Sunday 16 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
	FOG	FOG	FOG	FOG	
Heavy Rain	Fog	Fog	Fog	Fog	Heavy Rain
Precipitation probability					
70%	70%	40%	10%	10%	80%

Forecast for Sunday 16 Aug 2020

Weather: Cloudy with extensive hill fog through the early hours. Widespread showers are also expected, these heavy at times with a risk of thunder. Showers continuing through much of the morning, but easing toward midday with some limited brighter spells possible into early afternoon. Turning cloudier again into the evening with widespread heavy and thundery showers spreading in from the south.

Chance of cloud free mountain/hill tops above 600m: 0% through the morning with bases widely down to 400m, occasionally down to 200m in the heavier showers.

Visibility: Generally poor, with the rain making even nearby ridges difficult to see.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 16 Aug 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/26 NE	18/27 NE	17/25 NE	16/25 NE	16/23 NE	14/23 NE	13/20 NE
300	14/24 NE	14/24 NE	14/24 NE	14/24 NE	13/22 NE	12/22 NE	11/20 NE
Valley	14/29 NE	15/31 E	14/28 NE	14/28 E	13/26 E	13/26 NE	12/23 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	12/9	13/10	14/11	13/10	12/10	11/9
300	13/11	14/12	15/13	16/14	15/14	14/13	14/12
Valley	14/12	15/12	17/14	17/15	16/14	15/13	14/12
Freezing Level*	3300m	3300m	3200m	3000m	3000m	3000m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Showers could become very heavy, especially in the evening. Ground could become slippery with a risk of flash flooding.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 16 Aug 2020	0mm	0mm	0mm

Forecast for Monday 17 Aug 2020

Weather: A cloudy start with widespread heavy and thundery showers slowly moving north during the morning. Cloud then thinning with showers easing through the morning to give some bright or sunny spells. A mixture of sunny spells and scattered slow moving heavy showers and thunderstorms through the afternoon. Many of the showers will ease by the evening, but some will linger beyond dusk.

Maximum wind: Easterly 10-15mph throughout the day, perhaps stronger gusts to around 20-25mph in heavier showers.

Chance of cloud free mountain/hill tops above 600m: Less than 10% at first, with bases widely down to 300m. Becomimg greater than 90% from mid-morning, but with isolated bases to 400m in the heavier showers.

Visibility: Generally moderate or poor, becoming good at times during the afternoon.

Temperature: **Valleys:** Plus 14 Celsius, becoming 20 Celsius
At 600m: Plus 15 Celsius
Freezing level: Above the summits

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